

BRANDEIS UNIVERSITY

WALTHAM, MASSACHUSETTS 02154

STATINTL

March 21, 1975

ROOSEVELT PLAZA MEDICAL
SCIENCES RESEARCH CENTER
617 647-2433

Dr. S. I. Alikhanian
Institute of Genetics & Selection
of Industrial Microorganisms
Box 825
Moscow 113405
USSR

FOR RELEASE UNDER E.O. 14176
TO ADDRESSEE AND
3/21/75

REF: MOSCOW 2217
STATE: 43164

Dear Professor Alikhanian:

Our plans are developing well for the ASM Meeting for our workshop on May 3rd. I am enclosing my copy of the ASM program so that you will have an opportunity to study the symposiums and paper reading sessions in order to plan your activities during the week.

You will notice that session 206 Friday morning has been set aside as a round table that you and I will moderate to provide an opportunity for yourself and your delegation to present papers discussing the research being carried out in the USSR. The session is scheduled from 8:30 a.m. to noon. We will have a slide projector and blackboard available and, in addition, a translator to assist with the presentations. Since there will not be facilities for simultaneous translation, if any of your group wish to make their presentation in Russian, it would be of great help to us to have a copy of the paper available in advance so that the translator will have an opportunity to prepare for his translation.

You and your delegation will be the guests of the Society to attend the President's reception and buffet and participate in all of the programs during the meeting. The Society will cover the costs of your registration. On Saturday, May 3rd our workshop will be held in the Chambord-Royal Box Rooms in the Americana Hotel. We have scheduled this from 8:30 a.m. to 5:00 p.m.

We have made reservations for you at the Americana Hotel. This is the headquarters for the meeting and although it is fairly expensive they have given us a reduced rate for your delegation. We have five double rooms reserved for your delegation from April 27 through May 4th. Check out time is at 1:00 p.m. The cost of these rooms will be \$48.00 per night.

Miss Marianne May from the ASM headquarters and myself will meet your plane when it arrives. We would appreciate knowing in advance your arrival schedule.

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Professor Alikhanian

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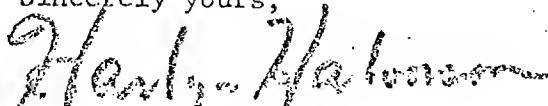
March 21, 1975

I have reviewed the papers and symposiums to be given during the week in order to find the most suitable times for a visit to the Rockefeller University and to the Cold Spring Harbor Laboratories. It appears to me that Monday afternoon, April 28th would be a suitable time for a visit to the Rockefeller University which is very near the hotel, and that Wednesday, April 30th would be appropriate for a day long visit to the Cold Spring Harbor Laboratories. I am making tentative arrangements for these two dates and hope that they will be satisfactory to you:

With regard to the workshop, all of our participants will have an opportunity to hear the scientific talks given by your delegation during the round table. In our meeting on Saturday, I would suggest that we have additional comments of the research activities by your own delegation, and scientific presentation by the members of the US delegation. See enclosed tentative agenda for our workshop. Your comments and suggestions are welcome. We will have simultaneous translation equipment available for the workshop.

I look forward to your coming visit.

Sincerely yours,



Harlyn O. Halverson
Director, Rosenstiel Basic
Medical Sciences Research Center

HOH/efh
Enclosures
ASM Program - 1975
Tentative Agenda

TENTATIVE AGENDA

May 3, 1975

8:30 A.M. Chambord-Royal Box Rooms, Americana Hotel

Dr. J.M. Leise, NSF Chairman, US Side of Working Group
Welcome Remarks and Introductions

Dr. A.I. Alkhanian - USSR Coordinator
Opening Remarks - Chairman, USSR Reports

Dr. H.O. Halvorson - US Coordinator, Chairman, US Reports

12:30-1:30 Lunch

1:30 Discussion of research reports

2:30 Discussion of future experiments and information
exchange

3:30 Discussion of personnel exchange

4:00 Closing remarks - Dr. A.I. Alkhanian and
Dr. H.O. Halvorson

Handwritten Note: Normie

March 21, 1975

FOR TRANSMISSION

TO ADDRESSEE *ave 3/21/75*

Deputy Minister E. R. Shenderey
Ministry of Microbiological Industry
U.S.S.R. Council of Ministers
Lesteva 18
Moscow, U.S.S.R.

Dear Dr. Shenderey:

Dr. Daniel I. C. Wang of the Massachusetts Institute of Technology, who is the project coordinator on Project I, Single-cell Protein (SCP), has asked me to write to you concerning the holding of the first SCP conference. We do not have Dr. Gregorian's full name and address, and it would be appreciated if you would indicate with whom Dr. Wang should correspond concerning the SCP conference.

Dr. Wang suggests, for your consideration, that the SCP conference be held either on September 22-26, 1975 or October 13-17, 1975, probably at the Massachusetts Institute of Technology in Cambridge, Massachusetts. The meeting would take a total of 5 to 7 working days, with 2 to 3 days being taken up by the conference, and the rest of the time spent visiting various research institutions. It is anticipated that 10 to 15 U.S. scientists will participate in the meeting. It would be appreciated if, in your response, you would indicate the probable number of U.S.S.R. participants and, when available, their names and titles.

A possible agenda for the conference is as follows:

- a. Single-cell Protein Selection: Type of Organisms and Substrate
 - i. Carbohydrate: Molasses
 - ii. Hydrocarbons: Normal paraffins, gas-oil
 - iii. Petrochemicals: Methanol, ethanol
 - iv. Waste products: Cellulose, others
- b. SCP Recovery
- c. Equipment and Control
 - i. Fermentor Design
 - ii. Instrumentation and Control

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d. Production of SCP for Human Consumption

- i. Protein Isolation
- ii. Nucleic Acid Reduction
- iii. Functional Properties

e. Nutritional Evaluation and Toxicity

Dr. Charles Cooney, a member of the U.S. Side of the Working Group, will be in the Soviet Union in April for the enzyme conference at Moscow State University. Dr. Cooney is active in single-cell protein research and is aware of Dr. Wang's thoughts about the proposed SCP conference. You might wish to talk with him about the proposed meeting if you have questions about Dr. Wang's proposed dates, subject matter, location, etc. I, of course, would be most pleased to hear from you at any time.

As we approach the month of April, time for choosing a satisfactory June date for the next meeting of the Joint US/USSR Working Group in Moscow becomes short, since June schedules are beginning to be formed already. We should settle on a date before too much time passes, unless the Joint US/USSR meeting is to be held at a later date.

Sincerely yours,



J. M. Leise
Chairman, U.S. Side, US/USSR
Joint Working Group on the
Production of Substances by
Microbiological Means

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COLLEGE OF ENGINEERING AND APPLIED SCIENCE

UNIVERSITY of PENNSYLVANIA

PHILADELPHIA 19174

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Office of the Dean

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I called you about visit
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120 YEARS OF ENGINEERING

March 19, 1975

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Dr. Shamil G. Yenikayev,
Chairman of the Chemical Cybernetics,
Department, Kazan Institute of
Chemical Technology,
Kazan, U.S.S.R.

Ray

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Dear Shamil:

This is to confirm my telegram of March 20. The American group concerned with the production of substances by microbial means has agreed to accept your proposal with slight modifications. We propose that the name be modified slightly to "Data Aquisition and Processing for Laboratory and Industrial Measurements in Fermentation Processes". We accept your format in which there would be three days of official papers involving twelve one hour talks and twelve hours of discussion. We would have six official presenters on each side but would allow observers from the Embassy, from your Ministry, and from the National Science Foundation, as well as students and other researchers associated with the principal investigators on research projects that are part of the cooperative program.

It would be my intention to keep the group limited to twelve official delegates and no more than twenty-four total in attendance at the conference. We would propose that the meeting be held in the Television Conference Room in the College of Engineering and Applied Science at the University of Pennsylvania. The dates of the conference would be from the 12th to 14th of August with the 15th and 16th reserved for the time when the official delegates and the two chairman, i.e. you and me, can write the official position papers and see that all publications are in order. On the date of August 11th, there would be an official visit to the computer-coupled facility at the University of Pennsylvania, and on August 16th to M.I.T. computer-coupled fermentation facility.

We propose that abstracts of talks be exchanged on or about June 1, 1975. These can be translated by each side. Since we would like to include the latest results of the work and since much of this work will be done in the summer, we propose that all papers be formally exchanged on Monday, August 11. These will be translated by the Department of State and mailed to, along with official translations of the position papers, to each delegate and to the ministry within three months after the conference.

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Dr. Shamil G. Yenikeyev

March 19, 1975

We would propose to meet your group at Kennedy International Airport in New York on August 10th and bring you to Philadelphia. We would expect you to include with your air ticket arrangements for transportation to Boston on the morning of the 17th and return to New York on the 18th at which time we understand you will return to Russia.

I trust these arrangements will be satisfactory to you.

I would point out that the week before the conference there is an Enzyme Engineering Conference which some of your people may want to visit out in Oregon. Two weeks before, there will be a Fermentation Technology Course at MIT which one or two of your people may want to attend in order to have strong interaction with people in the fermentation industry in the United States.

I am looking forward to this conference and to seeing you again.

Sincerely yours,



Arthur E. Humphrey
Dean

AEH/ns

ct: Dr. E.R. Shenderey
Dr. L. Erickson
Dr. C. Cooney
Dr. D. Wang
Dr. J. Leise

P.S. Dear Joshua,

Would you please send the two enclosed letters to Dr. Shamil G. Yenikeyev and Dr. E.R. Shenderey.

Thank you.

Arthur E. Humphrey

BRANDEIS UNIVERSITY

WALTHAM, MASSACHUSETTS 02154

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February 19, 1975

ROSENSTIEL BASIC MEDICAL
SCIENCES RESEARCH CENTER

Professor S.I. Alikhanian
Institute of Genetics & Selection
of Industrial Microorganisms
Box 825
Moscow 113405
USSR

Dear Prof. Alikhanian:

I am delighted with the developments for the program in conjunction with the US/USSR Exchange Program in conjunction with our next ASM Meeting. This letter is to give you some of our advanced thoughts with regard to the subsequent meeting we had recommended to be held in Leningrad on mutagenesis. In conjunction with colleagues here in the USA we would like to suggest the following participants in the Leningrad Conference (eventually a total of ten to be selected).

Our delegation is to be led by Drs. Robert K. Mortimer and Seymour Fogel of the University of California, Berkeley.

1. Mutagenic mechanisms, mutagen specificity and role of repair in mutation induction.

Sherman, Lawrence and Prakash

2. Mutator and antimutator genes.

Lamontt

3. Co-mutagenesis.

Fangman, Burke and Haber

4. Environmental mutagens.

Legator, Mayer, Brusick, Deseres and Malling

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Professor Alikhanian

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February 19, 1975

5. Chemostat studies on mutations.

Hensche and Adams

6. Molecular basis of mutation

Freese, Drake, Strauss and Yanofsky

I look forward to your advance comments on this or discussion at our upcoming ASM Meeting.

Sincerely yours,



Harlyn O. Halvorson
Director, Rosenstiel Basic
Medical Sciences Research Center
Professor of Biology

HOH/efh